

**FIG. 1**  
(PRIOR ART)

40 ↓ WAVEFORM AT "A"	42 ↓ NUMBER OF TOGGLES AT "A"	46 ↓ WAVEFORM AT "B"	48 ↓ NUMBER OF TOGGLES AT "B"	50 ↓ WAVEFORM AT "C"	52 ↓ NUMBER OF TOGGLES AT "C"	54 ↓ SUMMATION OF TOGGLES AT B & C $\Sigma$
0 —	0	0 —	0	0 —	0	0
0 —   0 —	1	0 —   0 —	1	0 —   0 —	1	2
0 —   0 —	1	0 —   0 —	1	0 —   0 —	1	2
0 —   0 —	0	0 —   0 —	0	0 —   0 —	0	0

FIG. 2  
(PRIOR ART)



WAVEFORMS AT "D" (41)	NUMBER OF TOGGLES AT "D" (43)	WAVEFORMS AT "ALT" (45)	WAVEFORMS AT "E" (47)	NUMBER OF TOGGLES AT "E" (49)	WAVEFORMS AT "F" (51)	NUMBER OF TOGGLES AT "F" (53)	SUMMATION OF TOGGLES AT "E" & "F" $\Sigma$ (73)
0	0	0	0	1	0	0	1
0	1	0	0	0	0	1	1
0	1	0	0	0	0	1	1
0	0	0	0	1	0	0	1
82	0	0	0	1	0	0	1
84	0	0	0	1	0	0	1
84	1	0	0	0	0	1	1
84	1	0	0	0	0	1	1
84	0	0	0	1	0	0	1

FIG. 4

WAVEFORMS AT "D" (57)	NUMBER OF TOGGLES AT "D" (59)	WAVEFORMS AT "ALT" (61)	WAVEFORMS AT "E" (63)	NUMBER OF TOGGLES AT "E" (65)	WAVEFORMS AT "F" (67)	NUMBER OF TOGGLES AT "F" (69)	SUMMATION OF TOGGLES AT "E" & "F" $\Sigma$ (71)
<div>86</div> <div> <div>0</div> <div>0</div> <div>0</div> <div>0</div> </div>	0	0	0	0	0	0	0
	1	0	0	1	0	1	2
	1	0	0	1	0	1	2
	0	0	0	0	0	0	0
<div>88</div> <div> <div>0</div> <div>0</div> <div>0</div> <div>0</div> </div>	0	0	0	0	0	0	0
	1	0	0	1	0	1	2
	1	0	0	1	0	1	2
	0	0	0	0	0	0	0

FIG. 5

PEAK SYSTEM POWER (APPROXIMATE)

	(90) WITHOUT ALT SIGNAL	(92) WITH ALT SIGNAL
• BEST CASE DATA PATTERN (91)	Ø WATTS	X/2 WATTS + $\Delta$
• TYPICAL DATA PATTERN (93)	X/2 WATTS	X/2 WATTS + $\Delta$
• WORST CASE DATA PATTERN (95)	X WATTS	X/2 WATTS + $\Delta$

FIG. 6

09924856-080701

129

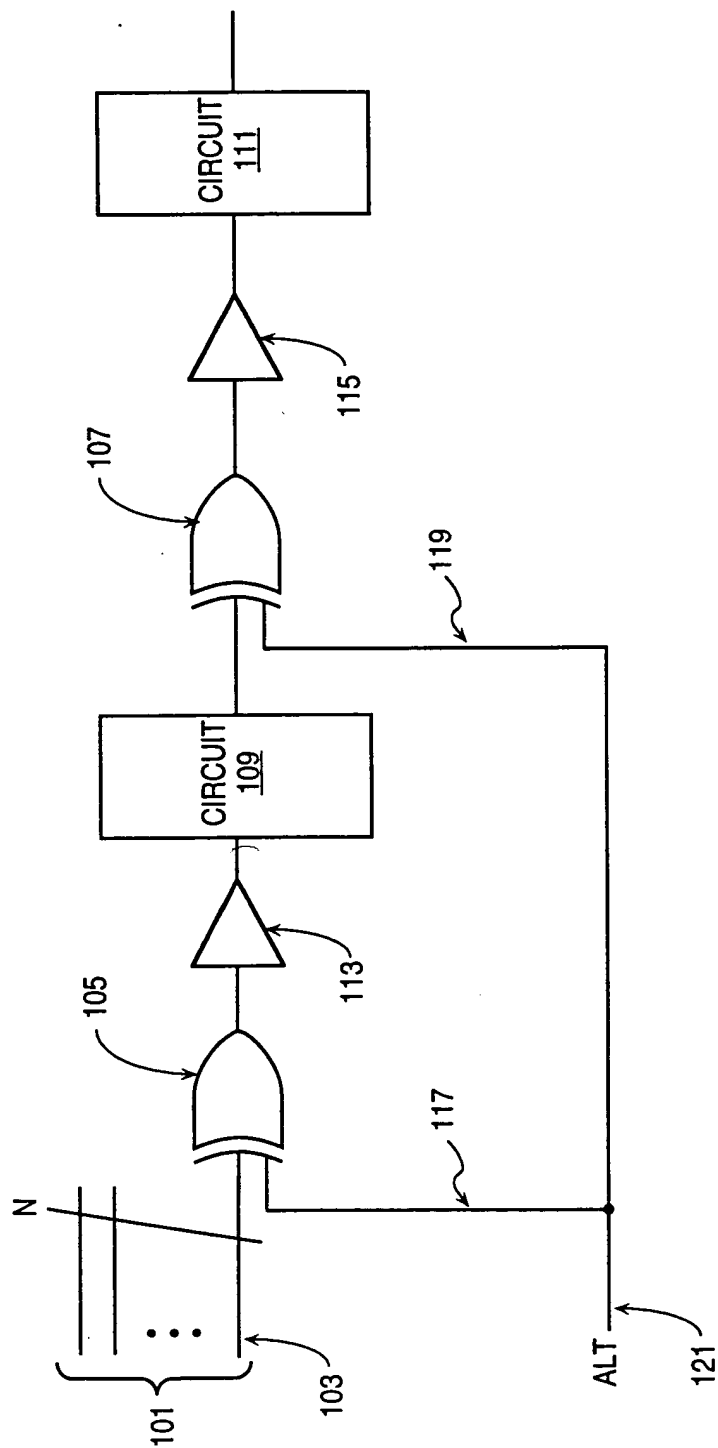


FIG. 7

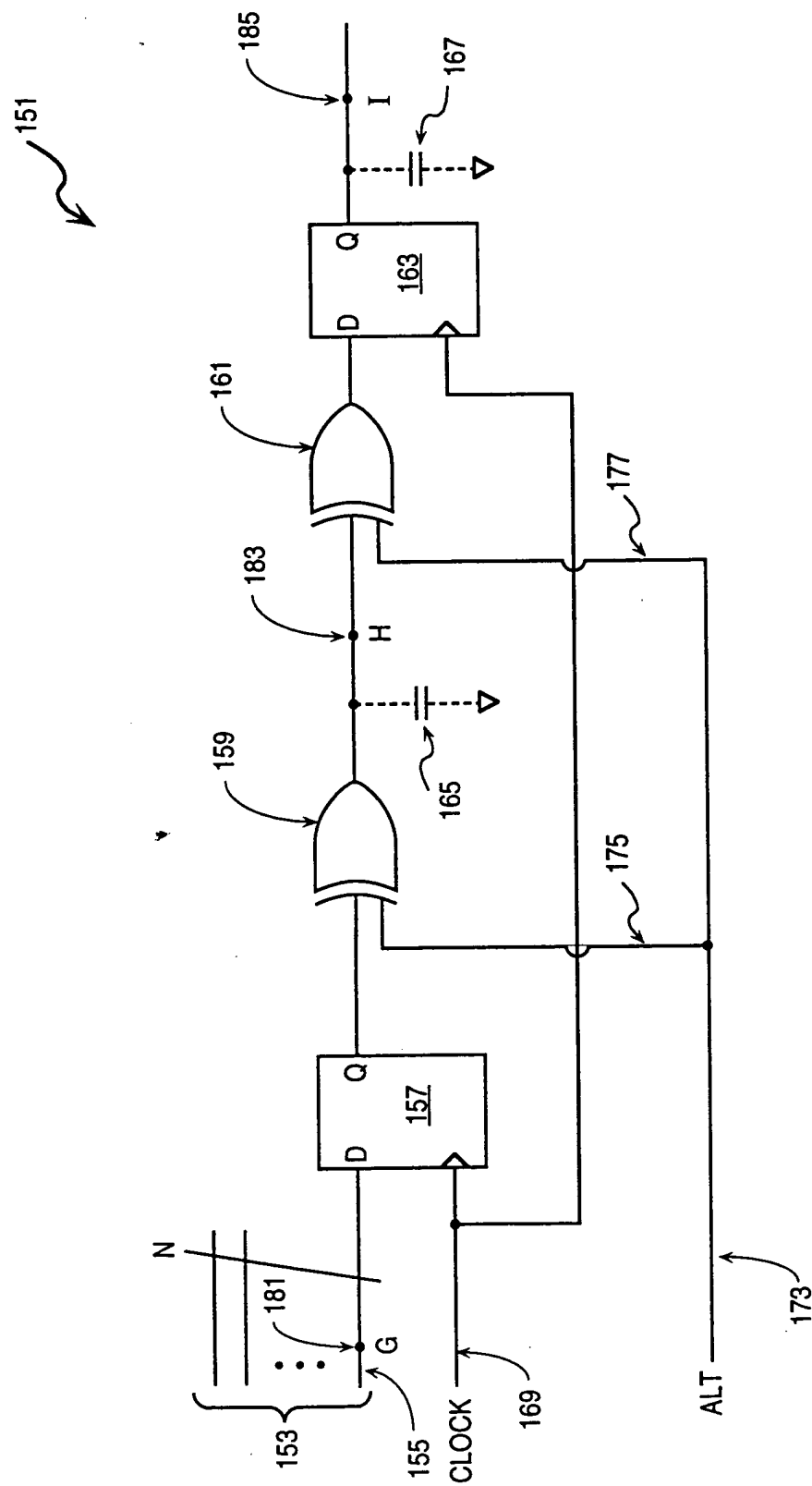


FIG. 8



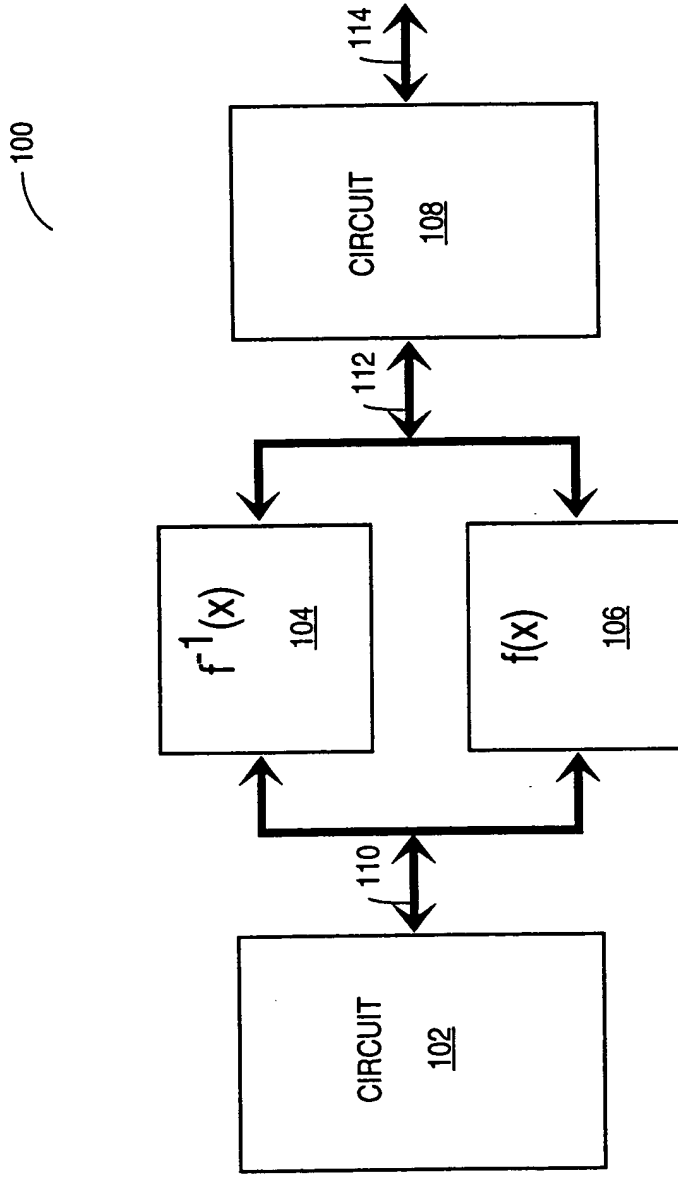


FIG. 9

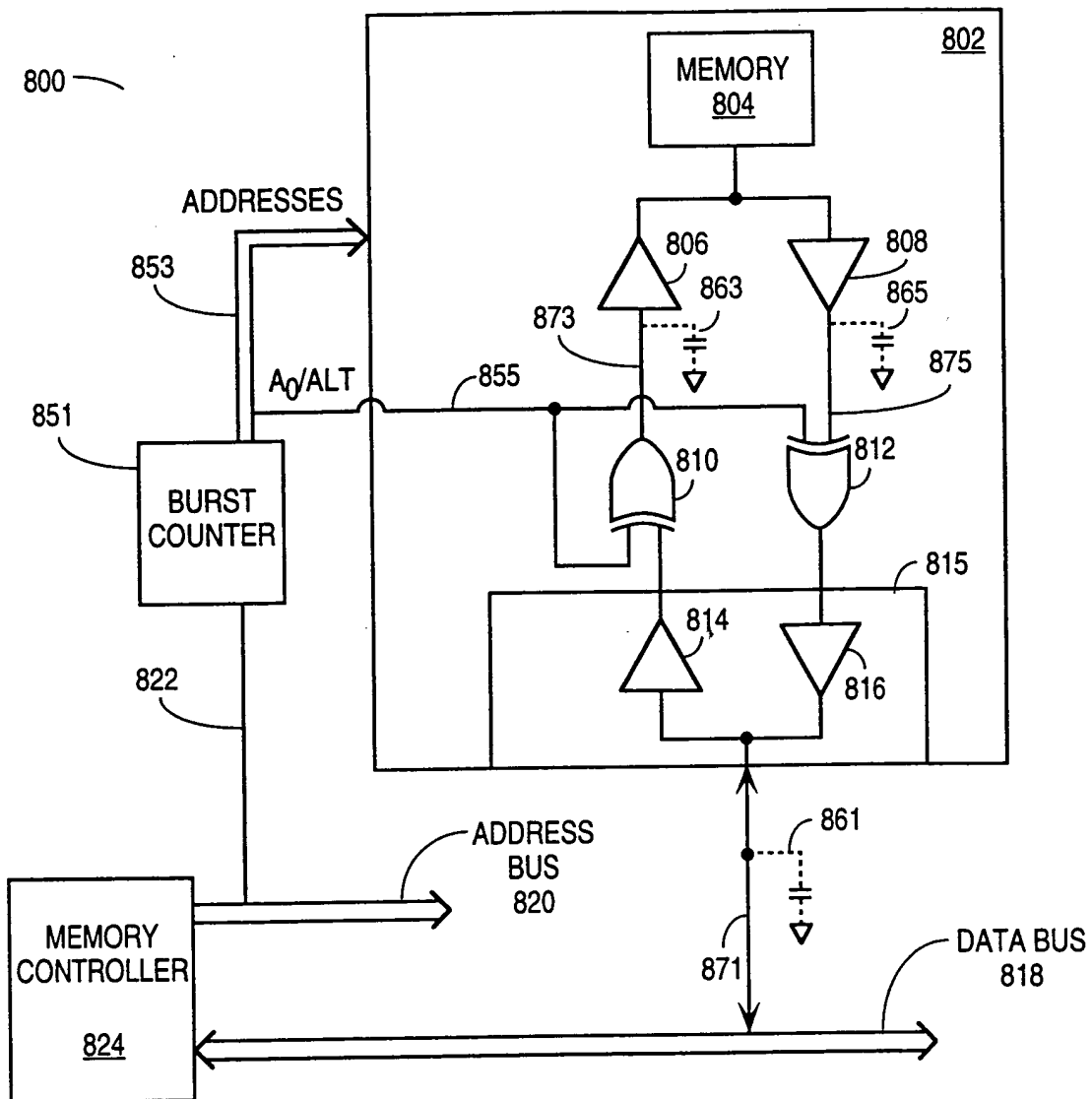


FIG. 10

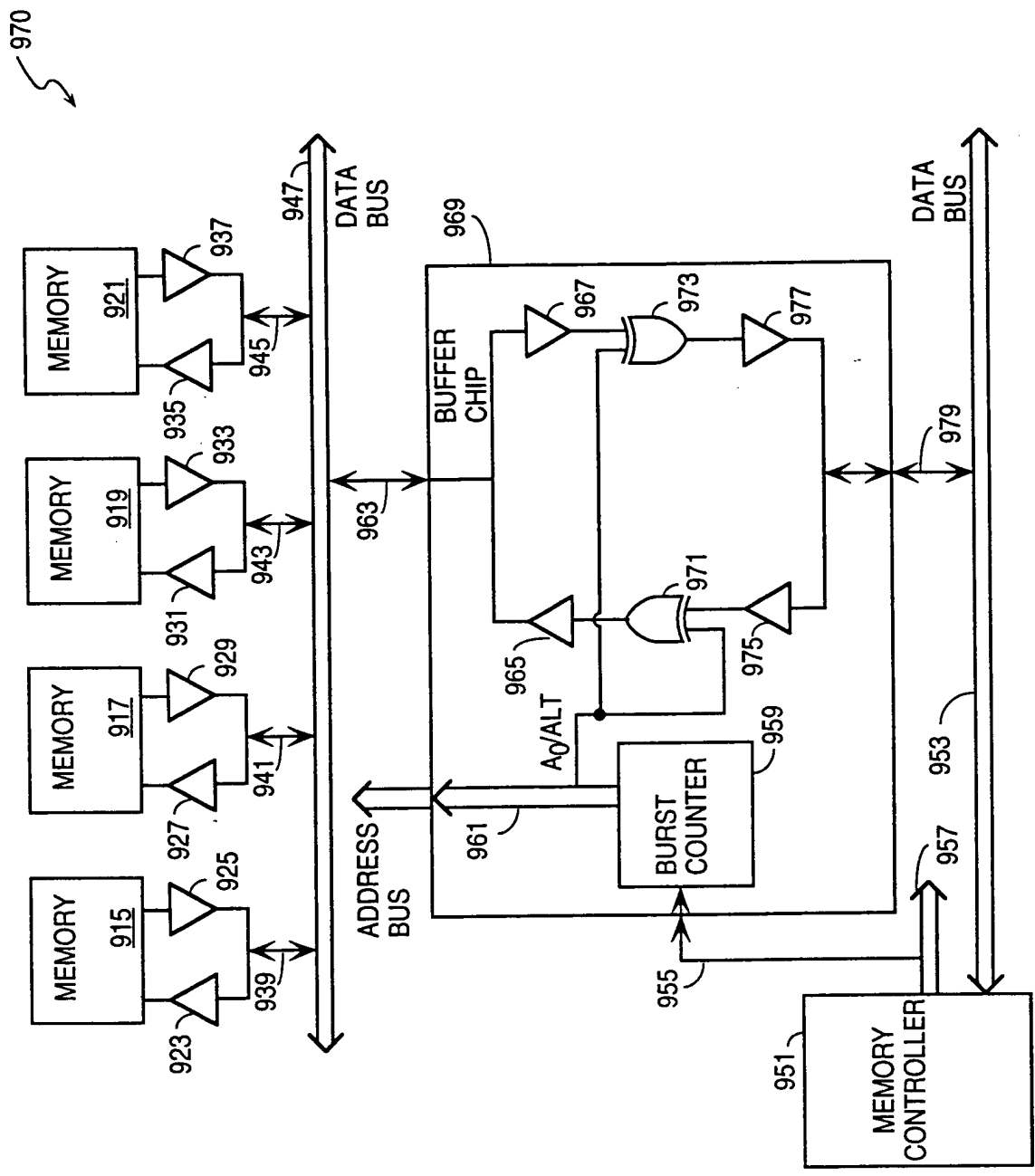


FIG. 11

900

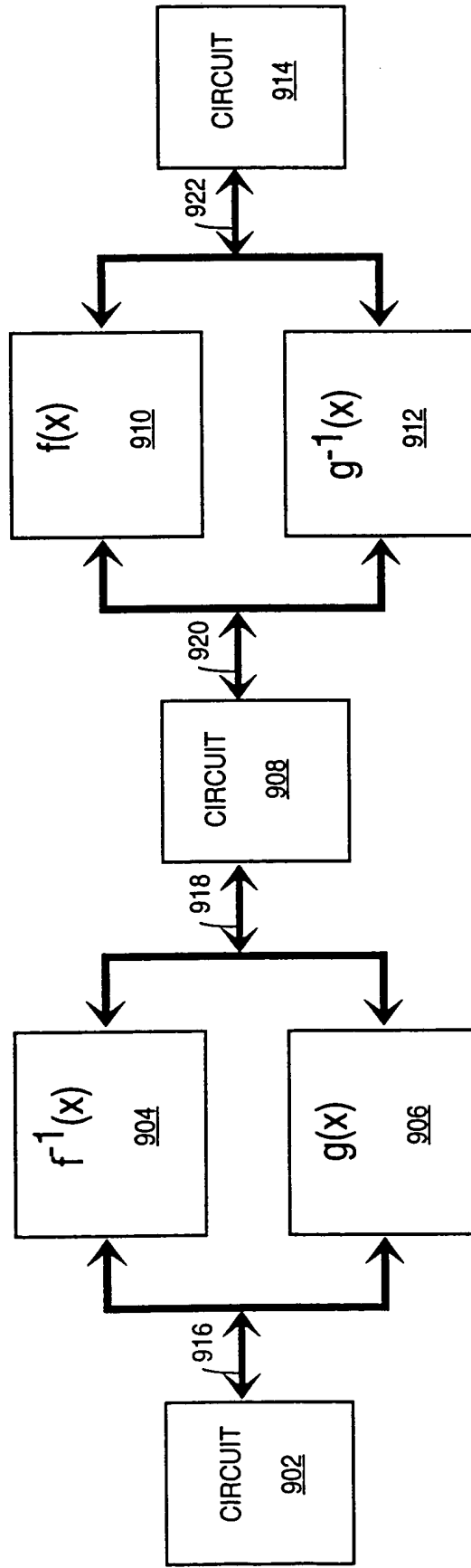


FIG. 12

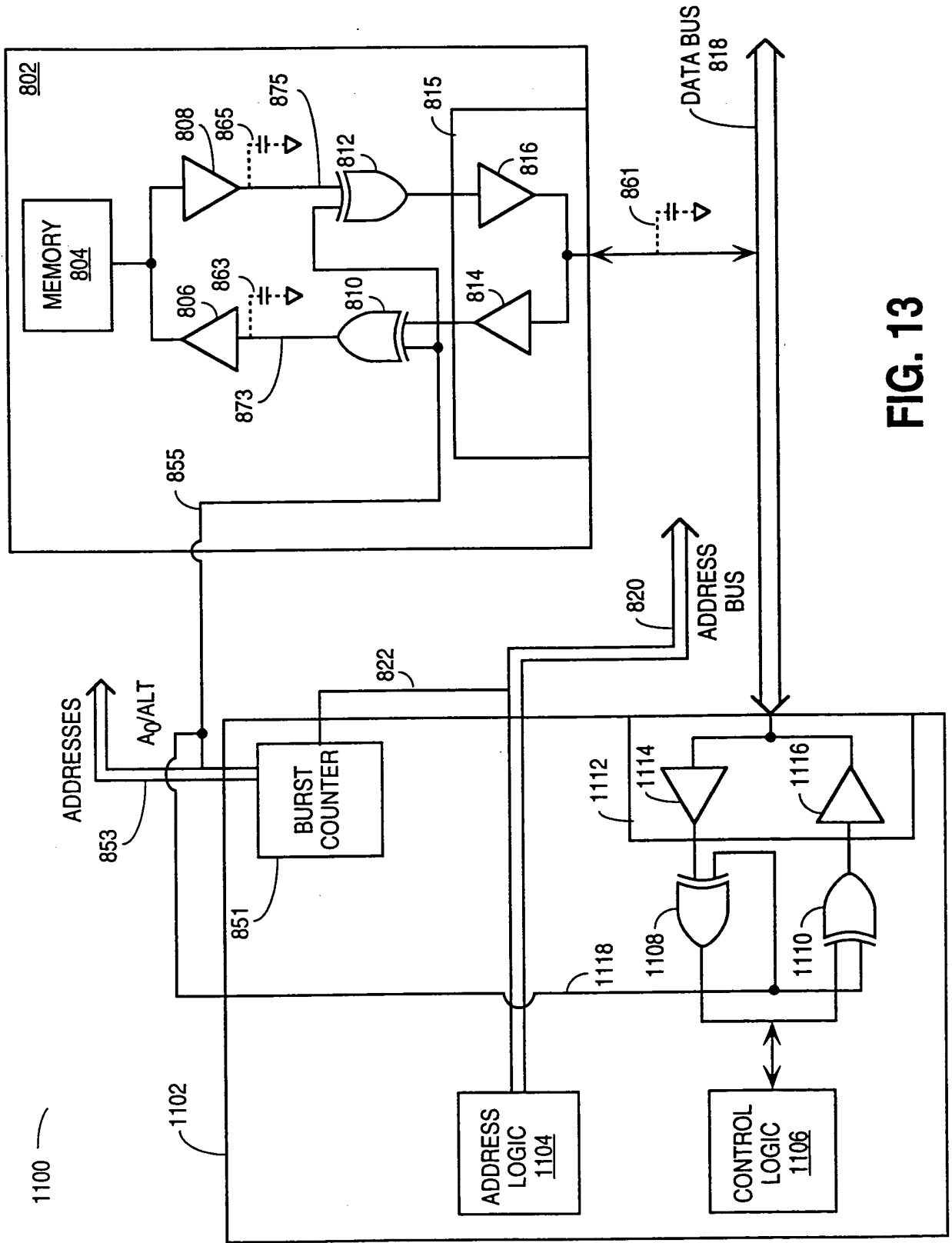


FIG. 13

1200

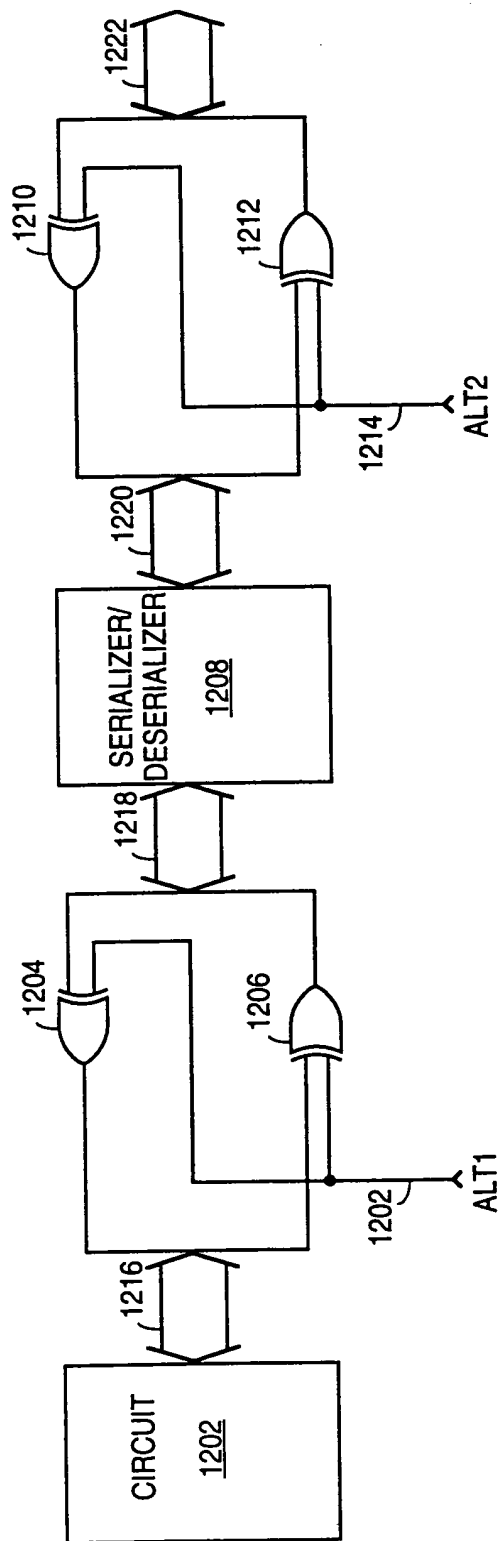


FIG. 14

0924856.000701

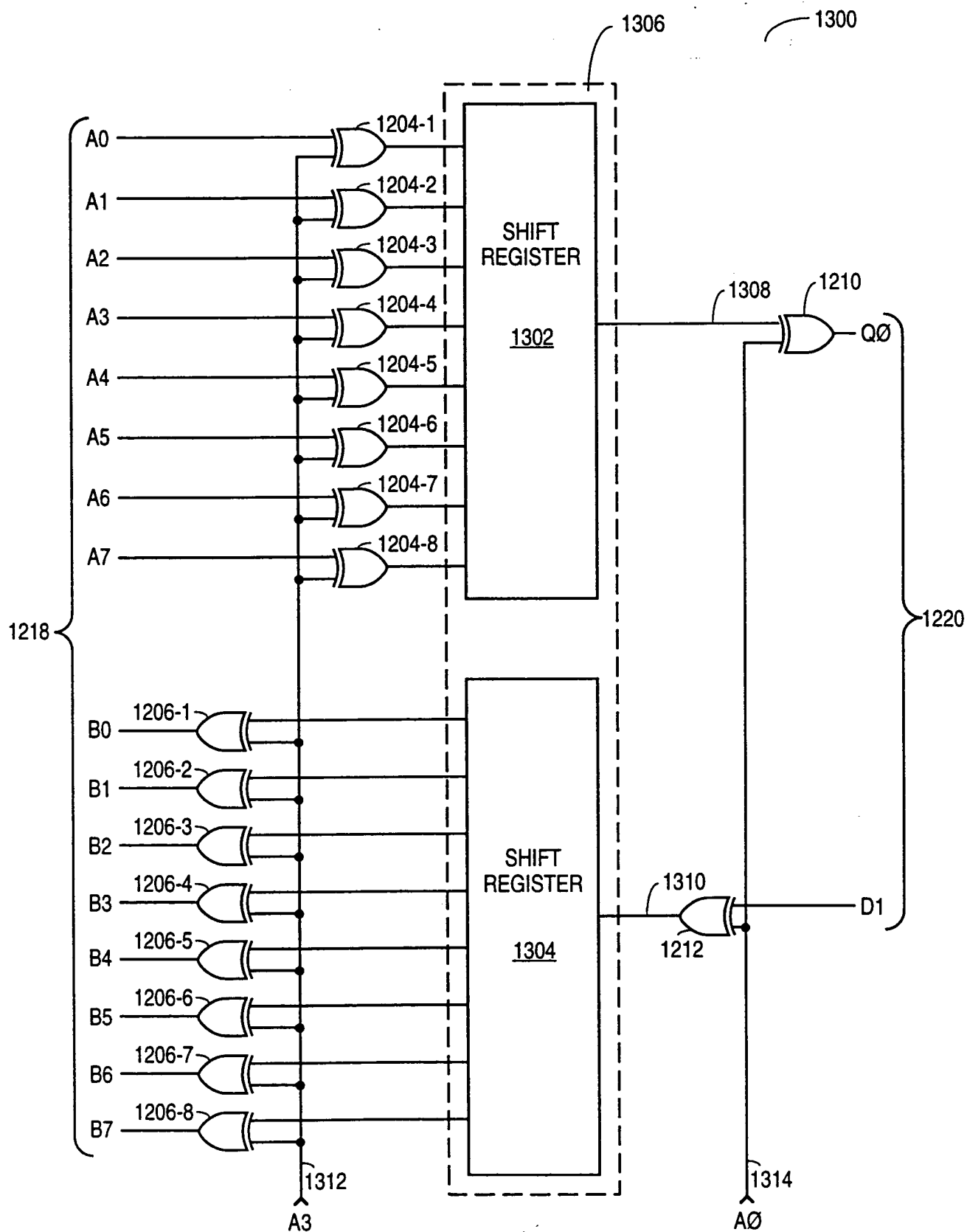


FIG. 15

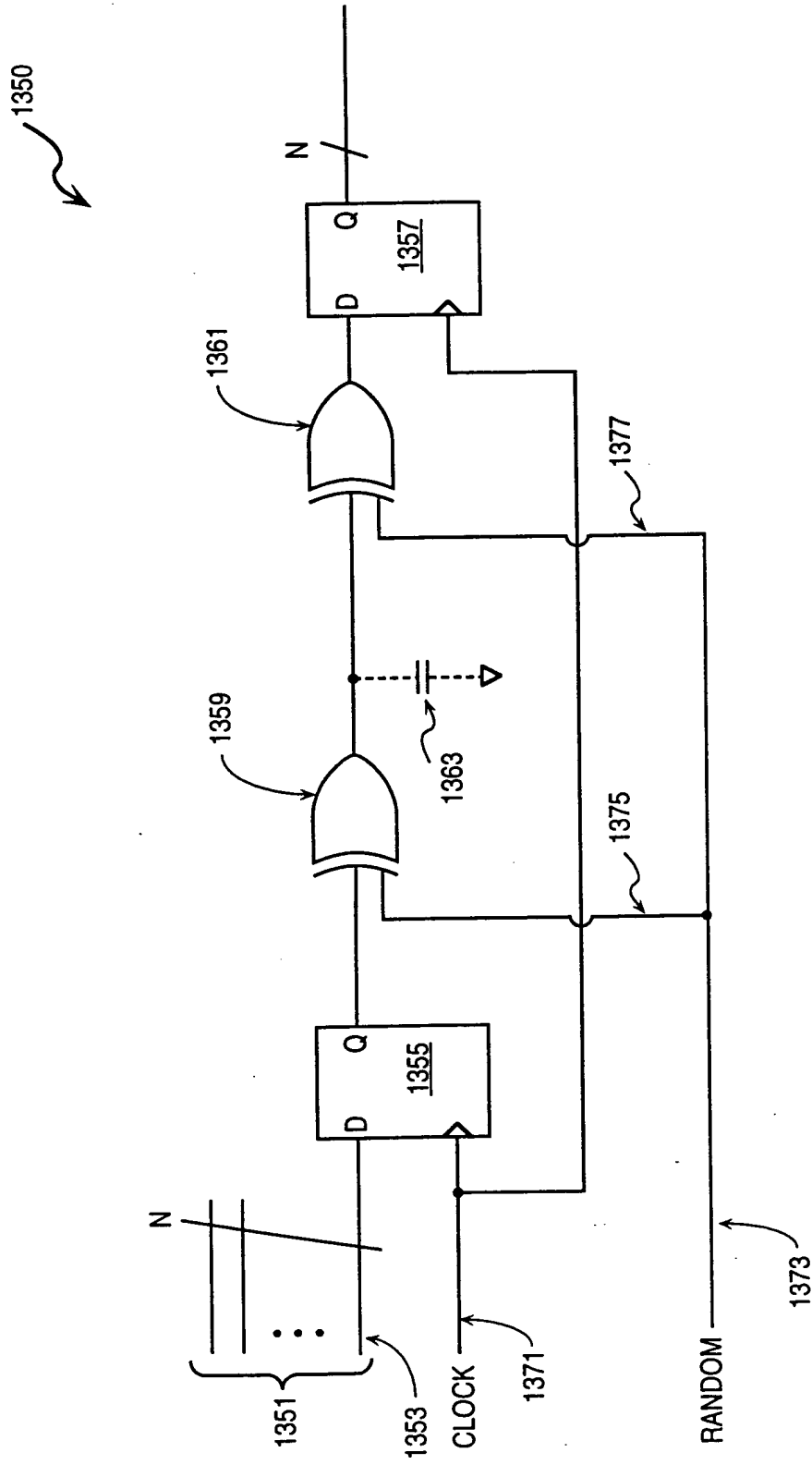
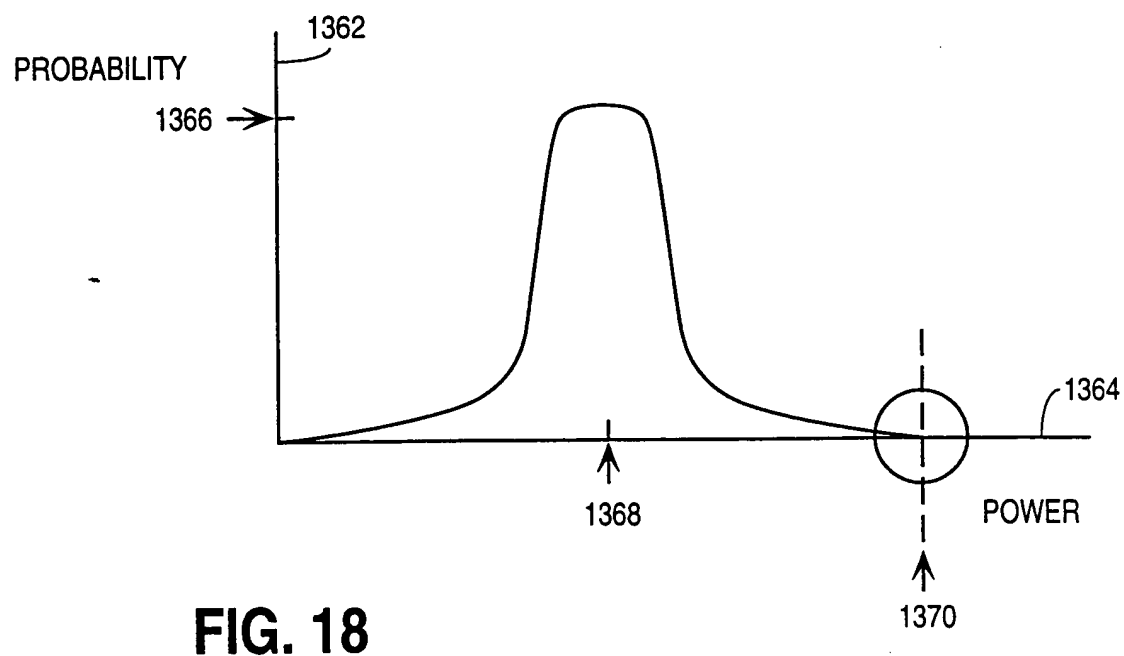
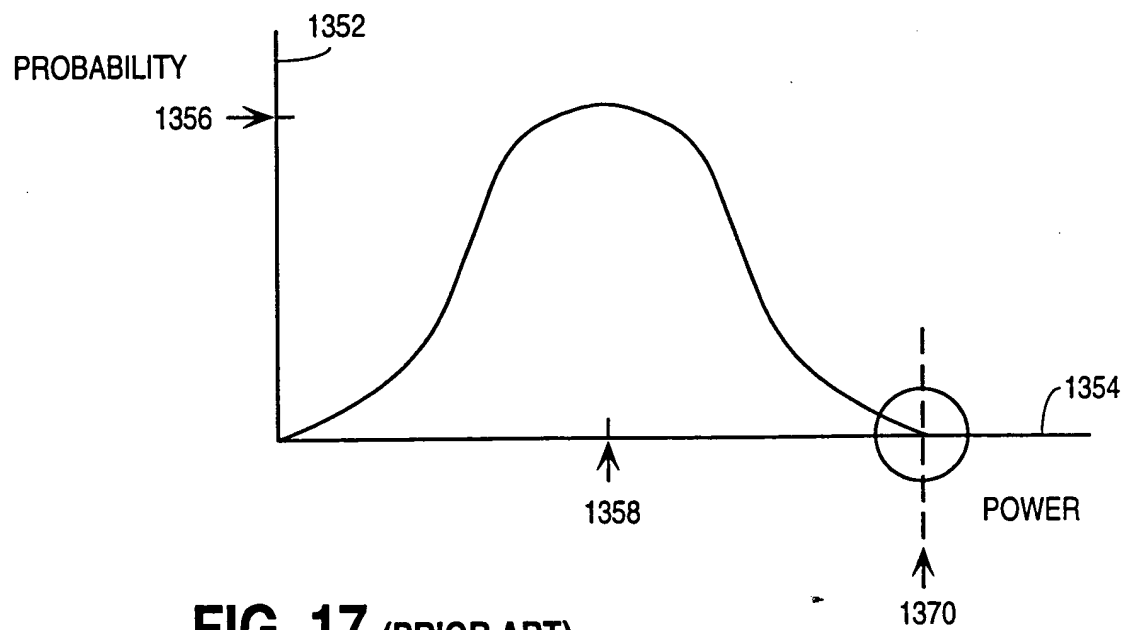


FIG. 16





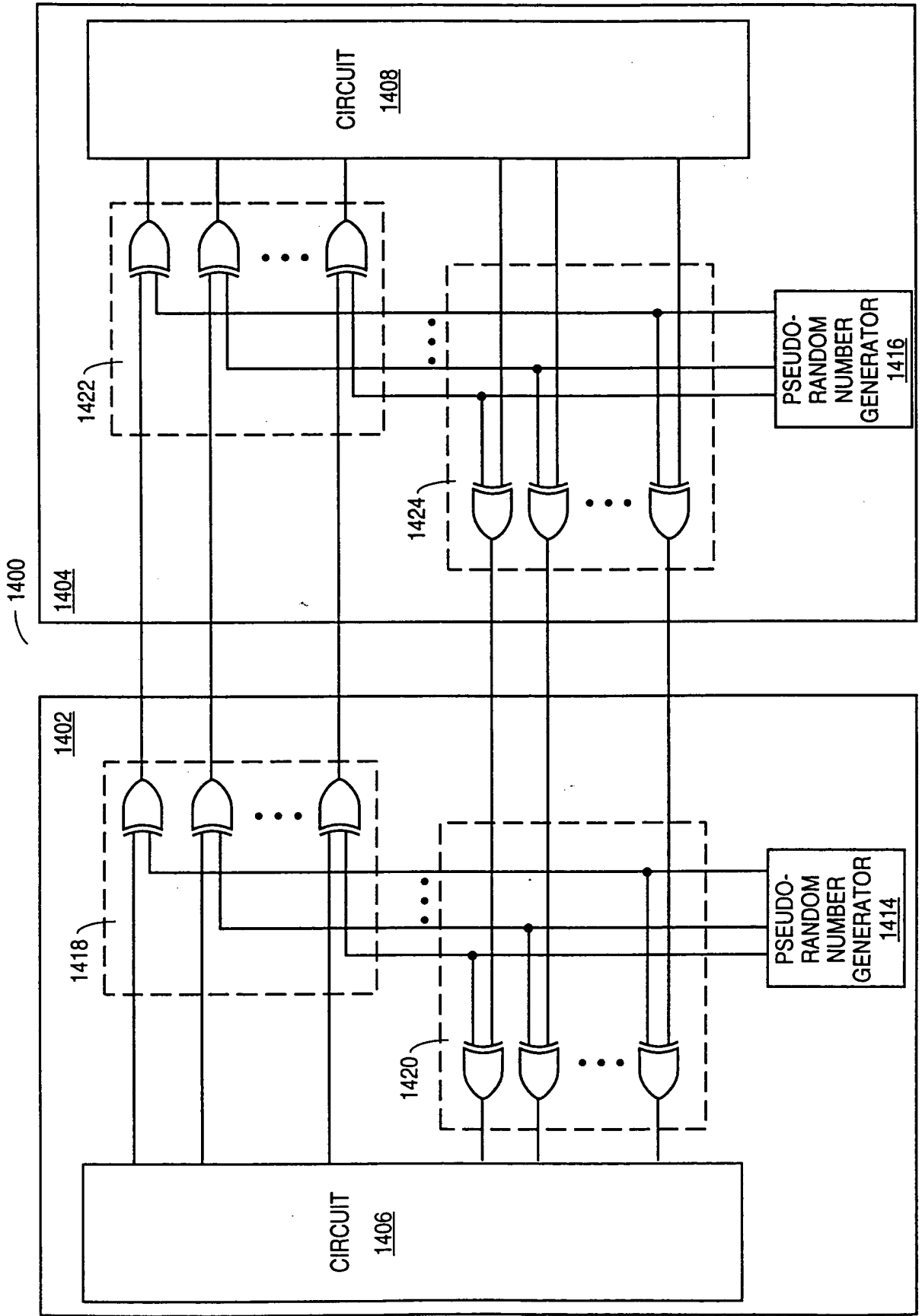


FIG. 19